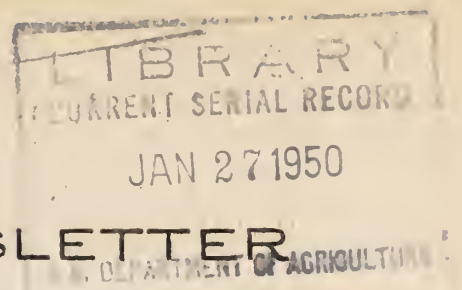
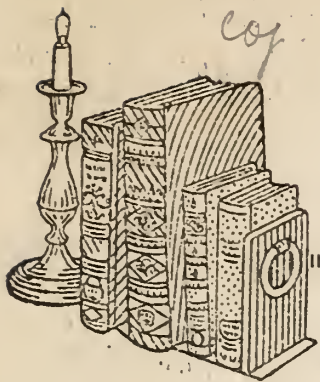


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

ALBUQUERQUE BRANCH
P. O. Box 1348

Phone 6741-Ext. 108
Vol. 8, Nos. 5-6

220 East Central
Nov.-Dec. 1949

NEW BOOKS

COMPOST AND HOW TO MAKE IT, By J. I. Rodale. 63 p. Organic gardening 1949 c1945
57.4 R61C

A foremost exponent of organic gardening tells where to locate the compost heap, what materials to use, how to make a compost box, and how to use the compost in the garden. According to this author it is not only possible to grow a garden exclusively with the use of compost, it is desirable.

DARWIN ON HUMUS AND THE EARTHWORM. The Formation of Vegetable Mould Through the Action of Worms with Observations on their habits. 153 p. Faber and Faber. 1948 56:12 D25

A reprint of Charles Darwin's book "The Formation of Vegetable Mould" first published in 1881. While Darwin's investigations failed to influence agricultural practices of his day they are highly significant in the light of recent findings. The book forms an effective basis for the modern organic gardening school of thought. In the introduction, Sir Albert Howard, a prominent "organiculturist", gives the background of Darwin's work and shows how it is related to present day research.

HYDROLOGY HANDBOOK. American Society of Civil Engineers. Manuals of Engineering Practice no. 28. 184 p. 1949.

The purposes of this handbook are to present fundamental hydrologic relations; to describe briefly methods of analysis that have become reasonably stabilized through usage; and to record a selected bibliography that may be used to expand the reader's understanding of the many phases of the hydrologic cycle.

Contents.- Chapter 1. Precipitation.- Chapter 2. Infiltration.- Chapter 3. Runoff.- Chapter 4. Evaporation and transpiration.- Chapter 5. Ground water storage.

THE ILLUSTRATED ENCYCLOPEDIA OF AMERICAN BIRDS, By Leon A. Hausman. 541 p.
Garden City pub. co. 1947 413 H29I

This encyclopedia and field guide describes all of the North American birds. Both the common and scientific names are given. The exact size of the bird and its distribution are shown. Over 700 key illustrations and sixteen pages in full color will aid the reader in easily identifying these birds.

THE ILLUSTRATED ENCYCLOPEDIA OF AMERICAN WILD FLOWERS, By Ethel H. Hausman. 534 p.
Garden City pub. co. 1947 452.1 H29

This book is planned for the enthusiast who already has a speaking acquaintance with wild flowers and their families, and for the beginner. The

THE ILLUSTRATED ENCYCLOPEDIA OF AMERICAN WILD FLOWERS (Cont.)

arrangement enables the reader to identify a flower by any of its common names or when lacking a clue to its identity by referring to the Guide to the Flower Families. Each of the more common flowers is clearly described and the color, size, family relationships, period of bloom, and geographical distribution given.

IRRIGATED SOILS; THEIR FERTILITY AND MANAGEMENT, By D. W. Thorne and H. B. Peterson
288 p. Blakiston Co. 1949 56.7 T393

"With an ever-increasing population," the authors state in the Preface, "the world is again rapidly turning to further development of irrigation in the semi-arid and arid lands which comprise over half of the earth's land surface. Today more than half of the world's population is dependent on food produced under irrigation. Yet few texts have ever been written on the management of irrigated soils. In the past twenty-five years no books covering the management of irrigated soils have been published in the English language." This book, by the professors of agronomy and soils at Utah State Agricultural College, has been written to fill the urgent need for such a text. Designed as a college text, the book will also be valuable as a reference and guide to those giving technical advice to farmers on the management of irrigated soils.

MANUAL OF CULTIVATED PLANTS, By L. H. Bailey. Rev. ed. 1116 p. Macmillan
1949 454 B15

Students of botany and horticulture, florists, agronomists and all gardeners will find this book invaluable. Its purpose is to provide a ready means for the identification of species of plants usually domestic in continental United States and Canada. Diagnoses, with full keys, of the species grown for food, ornament, utility and general interest, both in the open and under glass, compose the main body of the work. Fruits, grains, grasses, vegetables, greenhouse plants, ornamental shrubs and plants, and garden flowers are included.

PUBLIC SPEAKING WITHOUT FEAR AND TREMBLING, By H.S. Hanna. Macmillan 1949
145.2 H192

The author's experience in public relations work with the Forest Service, the National Park Service, and the Army has made him keenly aware of the need for improving the general caliber of public speaking among government employees. Out of his experience as a speech teacher and a radio announcer he has written a readable and entertaining book which is practical and filled with common sense suggestions and encouragement.

SOIL FERTILITY DIAGNOSIS AND CONTROL FOR FIELD, GARDEN AND GREENHOUSE SOILS.
176 p. East Lansing 1949 56.6 Sp9

This book is the result of 40 years study and experience in soil chemistry and its practical application in soil fertility and crop growth. It is an introduction to the field of soil fertility diagnosis and soil fertility control. The methods of soil testing described have been used for a number of years on field, garden and greenhouse soils. The results when interpreted in a logical manner, and applied in their proper relationship to the growth of plants, have been practical and profitable.

THE SUCCESSFUL SECRETARY, By Margaret Pratt. 144 p. Lee & Shepard 1946
.200.3 P83

This book for secretaries has a completely fresh approach. Part one - Basic Training, discusses the duties of the average secretary and gives suggestions about getting experience, preparing for interviews, and holding a job. There is a clear presentation of routine office work and hints about doing a better job and earning promotions. Part two is developed

THE SUCCESSFUL SECRETARY (Cont.)

through interviews with executive secretaries who have achieved outstanding success in their work. Part three - an Information Forum, contains questions and answers coming from the seven "experts" interviewed in Part Two. The book is entertaining as well as instructive and is illustrated with amusing cartoons.

WOODY-PLANT SEED MANUAL. USDA Misc. Pub. 654. 1948 1 Ag84M

The manual consists of two main parts. Part 1 formulates general principles on the various phases of seed handling from formation of the seed to sowing. Part 2 provides information for 444 species and varieties of trees and shrubs. This includes data on distribution and use, discussions of seeding habits, methods of seed collection, extraction and storage, seed germination, and nursery and field practice.

PERIODICAL NOTES

The periodicals noted below have been added to our files. Let us know if you wish to see any of these on circulation.

IRRIGATION EQUIPMENT NEWS. Q. Published by the Irrigation Equipment Co. Eugene, Oregon.

Gives information on sprinkler irrigation equipment

PEN. PUBLIC EMPLOYEES NEWS. M. Published by Federal Postal Employees Assn.

THE OFFICE ECONOMIST. A Magazine of Business Ideas for the Office. M. Published by the Art Metal Construction Co., Washington D. C.

The Albuquerque Branch no longer receives the following periodicals:

BETTER HOMES AND GARDENS

CONSUMER REPORTS

ENGINEERING AND MINING JOURNAL

FARMING IN SOUTH AFRICA

JOURNAL OF GEOLOGY

JOURNAL OF HOME ECONOMICS

PERSONNEL JOURNAL

UNITED NATIONS WORLD

WHAT'S NEW IN HOME ECONOMICS

OUR READERS SAY.....

FIRE Stewart 1948 145.3 St4

"Very accurate description of fire turned loose in the woods, and as absorbing as any nove." G. L. Olson - FS

HUMUS AND THE FARMER Sykes 1946 57.4 Sy4

"This book has been very interesting. I have gotten several beneficial ideas which I will try in my work." R.B. McAllister-SCS

THE LAZY GARDNER Pryor 1947 97.P95

"A good book for gardeners of all classes. Enjoyable and informative." R.F. Hedges - SCS

NEW BULLETINS

AGRICULTURAL ECONOMICS

APPRAISING YOUR FARM. U.S. Farm Credit Admin. Circ. 13. Rev. 1949 166.2 049
CROP PRODUCTION WITH IRRIGATION - AN ANALYSIS OF BUREAU CROP CENSUS DATA. Tucumcari
Project, New Mexico. U.S. Bureau of Reclamation. 1949 WFC
FACTORS THAT GIVE VALUE TO LAND OR BASIC LAND VALUES. Ariz. Agr. Exp. Sta. Bul.
223. 1949 100 Ar4b
THE FARM REAL ESTATE SITUATION 1947-48 and 1948-49. USDA Circ. 823 1949 1 Ag84C
USING CREDIT TO FINANCE FARMHOUSE IMPROVEMENTS. USDA Misc. Pub. 701. 1949 1 Ag84M
WILL MORE FORAGE PAY? Economic Aspects of Using More Pasture and Forage on Farms.
A Progress Report. USDA Misc. Pub. 702 1949 1 Ag84M

AGRICULTURAL ENGINEERING

CONSTRUCTION OF FARM FISH PONDS. Ala. Agr. Exp. Sta. Circ. 95. 1949 100 Allsc
ELECTRIC FENCE CONTROLLERS. Pa. Agr. Exp. Sta. Prog. Rpt. 14. 1949 100 P38p
FARM LAND DEVELOPMENT: PRESENT AND FUTURE BY CLEARING, DRAINAGE AND IRRIGATION.
USDA Circ. 825 1949 1 Ag84C
FIRE SAFEGUARD FOR THE FARM. USDA Farmers' Bul. 1643 Rev. 1949 1 Ag84F
HOUSING FOR QUALITY MILK. Utah Ext. Bul. N.S. 143 275.29 Utlc
HOW TO BUILD A FARM POND. USDA Leaflet 259 1949 1 Ag84L
A PRELIMINARY BIBLIOGRAPHY ON RURAL HOUSING AND FARM SERVICE BUILDINGS. U.S. Dept.
of Agr. Library List 51. 1949 1.916 L612
YOUR FARMHOUSE - HEATING. USDA Misc. Pub. 689 1949 1 Ag84M

CROPS

BREEDING AND TESTING STRAWBERRY VARIETIES. Calif. Agr. Exp. Sta. Bul. 714. 1949
GRASS SEED PRODUCTION. Calif. Agr. Ext. Serv. Circ. 155 1949 275.29 012C
GROWING ALFALFA. USDA Farmers' Bul. 1722. Rev. 1949 1 Ag84F

DAIRYING

DAIRY FARM MANAGEMENT IN CALIFORNIA. Calif. Agr. Ext. Serv. Circ. 156 1949 275.29 012C
DAIRY PRODUCTION ON UTAH FARMS. Utah Ext. Bul. N.S. 147 275.29 Utlc
EFFECT OF INBREEDING ON BODY SIZE, ANATOMY AND PRODUCING CAPACITY OF GRADE HOLSTEIN
COWS. USDA Tech. Bul. 990 1949 1 Ag84Te
EXPERIMENTS IN REARING CALVES WITHOUT WHOLE MILK AND WITH LIMITED AMOUNTS OF SKIM
MILK. USDA Circ. 822 1949 1 Ag84C
LIST OF SIRES PROVED IN DAIRY-HERD IMPROVEMENT ASSOCIATIONS 1949. USDA Misc. Pub.
686 1949 1 Ag84M
ONCE-A-DAY VERSUS TWICE-A-DAY FEEDING FOR DAIRY COWS. USDA Circ. 830. 1949 1 Ag84C
PLAN THE DAIRY PROGRAM AROUND QUALITY ROUGHAGES. Ind. Agr. Exp. Sta. Circ. 347 1949
100 In2Pc
RAISING DAIRY CALVES. N.M. Agr. Exp. Sta. Bul. 351. 1949 100 N46Sb
THE RELATIONSHIP OF MACHINE MILKING TO THE INCIDENCE AND SEVERITY OF MASTITIS.
USDA Tech. Bul. 992 1949 1 Ag84Te
THE SIGNIFICANCE OF MACHINE MILKING IN THE ETIOLOGY AND SPREAD OF BOVINE MASTITIS:
A Review. U.S. Agr. Res. Adm. BDIM-Inf-77. 1949 1.973 D4B34
SOME STUDIES OF THE CIRCULATORY SYSTEM OF THE COW'S UDDER. USDA Tech. Bul. 982
1949. 1 Ag84Te
TESTING MILK AND CREAM USDA Misc. Pub. 161 Rev. 1949 1 Ag84M

ENTOMOLOGY

- ALFALFA WEEVIL DISTRIBUTION AND CROP DAMAGE IN THE UNITED STATES. USDA Circ. 815
1949 1 Ag84C
- CONTROL OF WIREWORMS IN CALIFORNIA WITH THE SOIL FUMIGANTS CHLORINATED PROPANE-
PROPYLENE AND ETHYLENE DIBROMIDE. U.S. Bur. of Ent. and Plant Quar. E-786.
1949 1.9 En83
- THE DDT, TOXAPHENE, AND CHLORDANE CONTENT OF MILK AS AFFECTED BY FEEDING ALFALFA
SPRAYED WITH THESE INSECTICIDES. BDM-Inf-85. 1949 1.973 D4B34
- GRASSHOPPER EGG-POD DISTRIBUTION IN THE NORTHERN GREAT PLAINS AND ITS RELATION TO
EGG-SURVEY METHODS. USDA Circ. 816 1949 1 Ag84C
- PRELIMINARY TESTS OF CHLORINATED BENZAMIDES AS INSECTICIDES. U.S. Bur. of Ent. and
Plant Quar. E-789. 1949 1.9 En83
- PREVENTING DAMAGE TO BUILDINGS BY SUBTERRANEAN TERMITES AND THEIR CONTROL. USDA
Farmers' Bul. 1911. Rev. 1949 1 Ag84F
- REDUCING GRASSHOPPER DAMAGE BY REGRASSING WEEDY ROADSIDES AND FENCE ROWS. USDA
Circ. 813 1949 1 Ag84C
- TEMPERATURE AND PRECIPITATION IN RELATION TO THE NUMBER OF GENERATIONS OF EUROPEAN
CORN BORER IN THE UNITED STATES. USDA Tech. Bul. 987 1949 1 Ag84Te
- TESTS WITH DDT, CHLORDANE, TOXAPHENE, AND BENZENE HEXACHLORIDE FOR CONTROL OF LYGUS
SPP. ON SEED ALFALFA IN SOUTHERN ARIZONA, 1945-1948. U.S. Bur. of Ent. and
Plant Quar. E-788. 1949 1.9 En83
- TOXAPHENE RESIDUES [on alfalfa] Mont. Agr. Exp. Sta. Bul. 461. 1949 100 M76b

LAWNS

- HOW TO PLANT AND TAKE CARE OF YOUR LAWN. Utah Ext. Bul. 164 1949 275.29 Ut1b
- THE LAWN - ITS MAKING AND MAINTENANCE. Ind. Agr. Ext. Serv. Bul. 254 Revised.
- LAWN CULTURE IN MISSOURI. Mo. Agr. Exp. Sta. Circ. 322. 1948 100 M693c
- LAWNS. Wash. Agr. Ext. Bul. 364. 1949 275.29 W27B
- LAWNS FOR ARIZONA. Ariz. Ext. Circ. 135 1948 275.29 Ar48C

RANGE AND PASTURE

- DRYLAND PASTURES AND THEIR ESTABLISHMENT. Wyo. Range Mangt. Issue 18. 1949 60.19 W99
- THE NEW WYOMING CURRICULUM IN RANGE MANAGEMENT. Wyo. Range Mangt. Issue 10. 1949
- PRESENTING BOTH SIDES OF THE FOREST GRAZING CONTROVERSY. Wyo. Range Mangt. Issue
17. 1949 60.19 W99
- THE PROBLEMS OF RANGE CONDITION CLASSES ON THE LARAMIE PLAINS, WYOMING. Wyo. Range
Mangt. Issue 12. 1949 60.19 W99
- RANCH DAY Oct. 10, 1949. N.M. Agr. Exp. Sta. 1949 1.9622 S3So81
- A SELECTED BIBLIOGRAPHY OF RANGE MANAGEMENT LITERATURE PUBLISHED IN 1948. Vol. 1,
no. 3. U.S. Northern Rocky Mountain Forest & Range Exp. Station. 1949.
1.9622 N3So4
- WEIGHT AND GAIN OF RANGE CALVES AS AFFECTED BY RATE OF STOCKING. Mont. Agr. Exp.
Sta. Bul. 463. 1949 100 M76b

SOIL CONSERVATION

- ACCOMPLISHMENTS IN SOIL AND MOISTURE CONSERVATION OPERATIONS IN GRAZING DISTRICTS
1935-1948. U.S. Bur. of Land Management WFC
- CONSERVATION METHODS IN COTTON PRODUCTION. USDA Misc. Pub. 694. 1949 1 Ag84M
- FIRST THINGS FIRST. Know Your Land and Have a Plan Before Starting Conservation
Farming. USDA PA-69. 1949 1 Ag84Pro
- GRASS WATERWAYS. USDA Leaflet 257. 1949 1 Ag84L
- A HALF CENTURY OF CROP ROTATION EXPERIMENTS. R.I. Agr. Exp. Sta. Bul. 303. 1949
- USE THE LAND AND SAVE THE SOIL. USDA PA-71. 1949 1 Ag84Pro

SOIL - FERTILIZER

- LIST OF REFERENCES TO BORAN LITERATURE. Amer. Potash Inst. 1949 Bul. 42 and 43
U.B. Bibliog.
MIXING FERTILIZERS ON THE FARM. USDA Farmers' Bul. 2007. 1949 1 Ag84F
PLANT-TISSUE TESTS AS A GUIDE TO FERTILIZER TREATMENTS OF TOMATOES. Ky. Agr. Exp.
Sta. Bul. 430. 1942 100 K415
A SIMPLE SOIL SAMPLER AND ITS USE AS A PERMEAMETER. U.S. Central States Forest
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WATER

- A BIBLIOGRAPHY ON SNOW. List of References to Material Published 1940-1947.
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CONSUMPTIVE USE OF WATER IN THE IRRIGATED AREAS OF THE UPPER COLORADO RIVER BASIN
(Provisional) U.S. Soil Conservation Service. 1949 WFC
COTTON IRRIGATION TESTS. N.M. Agr. Exp. Sta. Press Bul. 1020. 1948. 100 N46Sp
IRRIGATION FARMERS REACH OUT INTO THE DRYLAND. Mont. Agr. Exp. Sta. Bul. 464.
1949 100 M76b
SURFACE RUNOFF SUPPLY ESTIMATES BASED ON SOIL-WATER MOVEMENTS AND PRECIPITATION
PATTERNS. U.S. SCS-TP-86. 1949 1.96 Ad6Tp
WATER EROSION CONTROL ON CULTIVATED LAND, By J. H. Stallings. SCS. 12 p. WFC
WATER MANAGEMENT FOR THE FARM. Conserving Soil and Water for Efficient Production
of Crops and Livestock. Mo. Agr. Ext. Circ. 557. 1948 275.29 M69c

WEEDS

- CONTROL OF WEEDS ON IRRIGATION SYSTEMS. U.S. Bur. of Reclamation. 1949 WFC
CONTROLLING MESQUITE WITH DIESEL OIL. U.S. Southwestern Forest & Range Experiment
Station. Research note 115. Rev. 1949 1.9 F7621R
GENERAL-CONTACT WEED KILLERS. Calif. Agr. Ext. Serv. Circ. 137. 1949 275.29 C12C
IMPORTANT POISONOUS PLANTS OF UTAH. Utah Agr. Exp. Sta. Special Rept. 2. 1949
100 UtlS
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WILDLIFE

- THE BIOLOGY OF THE POCKET GOPHER (*Thomomys talpoides*) IN MONTANA. Mont. Agr. Exp.
Sta. Bul. 448. 1947 100 M76b
COLLEGES AND UNIVERSITIES OFFERING COURSES IN WILDLIFE MANAGEMENT. U.S. Fish and
Wildlife Service. Wildlife leaflet 206. 1947.
DEER MORTALITY FROM GUNSHOT WOUNDS. U.S. Fish and Wildlife Service. Wildlife
leaflet 295. 1947.
ESTIMATING MUSKRAT POPULATIONS BY HOUSE COUNTS. U.S. Fish and Wildlife Service.
Wildlife Leaflet 306. 1948.
INTERNATIONAL ASSOCIATION OF GAME, FISH AND CONSERVATION COMMISSIONERS. 38th
Convention. September 15, 16, and 17 1948. WFC
KEEPING UP WITH THE WATERFOWL. U.S. Fish and Wildlife Service. Wildlife Leaflet
294. 1947. How the Fish and Wildlife Service counts the waterfowl.
TROUT FISHERIES IN NEW ZEALAND, By D. F. Hobbs. 175 p. N.Z. Marine Dept.
Fisheries Bulletin no. 9. 1948.
A review of the development and management of stocks of trout in New
Zealand in the light of results of recent research work.
WILDLIFE MANAGEMENT HANDBOOK FOR FOREST OFFICERS. 1947. U.S. For. Serv. Reg. 5
WILDLIFE MANAGEMENT IN LAND-USE PROGRAMS. U.S. Fish and Wildlife Service.
Leaflet 309. 1948.

